

# Converting Colors

YUV(174.6520, -15.6044,  
11.7062)

Have a look what the booklet for  
YUV(174.6520, -15.6044, 11.7062)  
contains.

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# Color

**YUV(174.6520, -15.6044,  
11.7062)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BCAE8F
RGB	188, 174, 143
RGB Percent	74%, 68%, 56%
CMY	0.2627, 0.3176, 0.4392
CMYK	0.00, 0.07, 0.24, 0.26
HSL	41°, 25%, 65%
HSV	41°, 24%, 74%
XYZ	40.8330, 42.9466, 32.1240
YIQ	174.6520, 18.2950, -6.6730

# Conversions

## Conversions Part 2

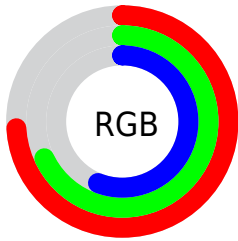
Format	Color
R <sub>Y</sub> B	163, 188, 143
Decimal	12365455
CIE Lab	71.52, 0.04, 17.75
CIE LCh	72, 17.751, 89.866
Yxy	42.9466, 0.3523, 0.3705
Android (android.graphics.Color)	4290555535 (0xFFBCAE8F)
YUV	174.6520, -15.6044, 11.7062
Hunter-Lab	65.5337, -3.4634, 16.8102

# Details

The YUV color  $174.6520, -15.6044, 11.7062$  is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be  $156.3480, 15.6044, -11.7062$ , and the grayscale version is  $175.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $230.1360, -16.3360, 13.0357$ , and  $122.2820, -14.4360, 10.2767$  is the 20% darker color. If you saturate the color by 10%, you get  $168.9640, -22.1673, 16.6946$ , and if you desaturate by 10%, it is  $180.3400, -9.0416, 6.7178$ .

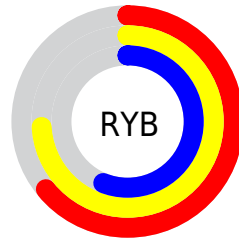
# Distribution



Red (74%)

Green (68%)

Blue (56%)



Red (64%)

Yellow (74%)

Blue (56%)

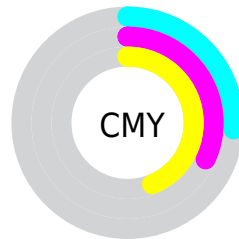


Cyan (0%)

Magenta (7%)

Yellow (24%)

Black (26%)



Cyan (26%)

Magenta (32%)

Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 174.6520, -15.6044, 11.7062 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 174.6520, -15.6044, 11.7062 by changing the saturation by 10% instead.



■ 174.6520,  
-15.6044, 11.7062

■ 174.6520,  
-15.6044, 11.7062

255.0000, 0.0000,  
0.0000

■ 147.7660,  
-15.1676, 11.6062

■ 230.1360,  
-16.3360, 13.0357

■ 122.2820,  
-14.4360, 10.2767

■ 251.5800,  
-13.1039, 2.9993

■ 97.3960, -13.9992,  
10.1767

254.8860, -0.4368,  
0.1000

■ 73.2110, -13.4150,  
9.4620

■ 50.7270, -12.6834,  
8.1324

■ 29.2710, -14.4306,  
8.5323

■ 5.6260, -2.7736,

2.9590

■ 0.0000, 0.0000,  
0.0000

■ 174.6520,  
-15.6044, 11.7062

■ 174.6520,  
-15.6044, 11.7062

■ 168.9640,  
-22.1673, 16.6946

■ 180.3400, -9.0416,  
6.7178

■ 163.2760,  
-28.7301, 21.6829

■ 186.0280, -2.4788,  
1.7294

■ 157.7020,  
-34.8561, 26.5713

■ 191.6020, 3.6472,  
-3.1590

■ 152.6010,  
-41.7083, 31.0449

■ 196.7030, 10.4994,  
-7.6325

■ 146.9130,  
-48.2711, 36.0333

■ 202.3910, 17.0622,  
-12.6209

■ 141.2250,  
-54.8339, 41.0217

■ 207.9650, 23.1883,  
-17.5093

■ 135.5370,  
-61.3967, 46.0101

■ 211.4870, 21.4519,  
-20.5981

■ 132.5220,  
-65.3333, 48.6542

■ 215.0090, 19.7156,  
-23.6869

■ 218.5310, 17.9792,  
-26.7757

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



176.4730, -14.0372, 22.3872



174.6520, -15.6044, 11.7062



172.6610, -12.6509, -2.3337

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



174.6520, -15.6044, 11.7062



169.2500, 10.7227, -32.6683



177.9340, 6.9345, 15.8439

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



174.6520, -15.6044, 11.7062



156.3480, 15.6044, -11.7062

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



176.7410, 12.9457, 1.1041



174.6520, -15.6044, 11.7062



170.9500, 15.8007, -28.0201

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



174.6520, -15.6044, 11.7062



169.3940, 2.2708, -28.4095



174.4400, 16.0521, -15.2949



178.2250, -1.0969, 25.2357



# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



174.6520, -15.6044, 11.7062



171.6320, -8.6926, -11.9553



174.4400, 16.0521, -15.2949



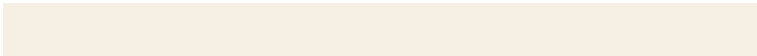
178.0690, 8.8400, 11.3405

# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



174.6520, -15.6044, 11.7062



239.5400, -5.6892, 4.7884



158.0510, -0.5181, 26.2653



119.2130, -3.0630, 2.4442



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



174.6520, -15.6044, 11.7062



223.9920, -24.6461, 18.4240



180.4780, -18.4767, -0.4192



91.2130, -3.0630, 2.4442



111.2250, -54.8339, 41.0217



21.5960, -10.6468, 8.2473



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



156.3480, 15.6044, -11.7062



195.0080, 24.6461, -18.4240



150.5220, 18.4767, 0.4192



87.7870, 3.0630, -2.4442



46.7750, 54.8339, -41.0217



9.4040, 10.6468, -8.2473



# Previews

## White Background



This preview shows how the YUV color 174.6520, -15.6044, 11.7062 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 174.6520, -15.6044, 11.7062 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

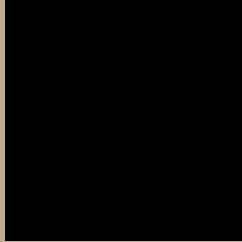
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 174.6520, -15.6044, 11.7062

## Background



This preview shows how black text looks on a background with the YUV color 174.6520, -15.6044, 11.7062.



This preview shows how white text looks on a background with the YUV color 174.6520, -15.6044, 11.7062.



# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



### Original Color

174.6520, -15.6044, 11.7062

### Protanopia

174.3420, -15.4516, 9.3471

### Deuteranopia

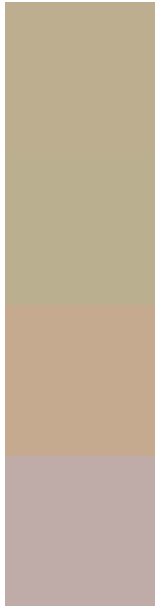
175.7290, -15.6424, 23.9167



## Tritanopia

177.6580, 2.1406, 13.4549

# Trichromacy



## Original Color

174.6520, -15.6044, 11.7062

## Protanomaly

174.6410, -15.5990, 9.9618

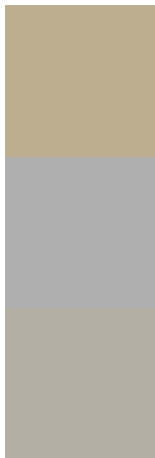
## Deuteranomaly

175.4080, -15.4841, 19.8132

## Tritanomaly

176.6380, -4.2585, 12.5955

# Monochromacy



## Original Color

174.6520, -15.6044, 11.7062

## Achromatopsia

175.0000, 0.0000, 0.0000

## Achromatomaly

175.1270, -5.9786, 4.2736

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 174.6520, -15.6044, 11.7062 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(188, 174, 143)` looks like.

```
.text, #text, p{  
    color:rgb(188, 174, 143)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(188, 174, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 174, 143) }
```

## Border

The CSS property to change the border of an element to YUV 174.6520, -15.6044, 11.7062 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(188, 174, 143) }
```



If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(188, 174, 143) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(188, 174, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 174, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 174, 143);  
box-shadow:4px 4px 4px 4px rgb(188, 174,  
143) }
```

# Background

The CSS property to change the background color of an element to YUV 174.6520, -15.6044, 11.7062 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 174, 143) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(188,  
174, 143) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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